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Copyright (c) 1993 - 2004 Compugen Ltd
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US-09-107-400-18
US-09-264-563-18
US-09-267-890-18
US-09-266-293A-18
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Sequence 114,
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13, Appl 13, Appl 17, Appl 17, Appl 17, Appl 13, Appl 14, Appl 14, Appl 14, Appl 15, Appl 17, Appl 18, Appl 19, Appl 19, Appl 19, Appl 19, Appl 19, Appl	ĄĘ	Appı	Apı	Api	Appı	Appı	App	App	Api	Apı	Apr	Apı	Api	Api	Api	Api	Api	

ALIGNMENTS

NESULT 1 US-08-990-664-19 Sequence 19, Application US/08990664 Patent No. 6110895 GREERAL INFORMATION: Acthleen APPLICANT: (dizerega) Gere TITLE OF INVENTION: IN SKIN GRAFTS NUMBER OF INVENTION: METHOD OF PROMOTING HEALING TITLE OF INVENTION INVENTION INFORMATION: PRIOR APPLICATION NUMBER: 34,115 REFERENCE/DOCKET NUMBER: 34,115 REFERENCE/DOCKET NUMBER: USCO12.001A TELEPHONE: 714-760-9502 TELEX: INFORMATION FOR SEQ ID NO: 19: SBQUENCE CHARACTERISTICS: LENGIH: 7 amino acids TYPE: amino acid

Query Match Best Local S Matches 7

Similarity 100 7; Conservative

100.0%; S 100.0%; E 1tive 0;

Score 41; DB 3; Pred. No. 3e+05;

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RVYAHPF

RESULT 2 US-09-373-962-18

Sequence 18, App Patent No. 61774 GENERAL INFORMATION:

Application-US/09373962

Patent No.

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RESULT 4
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Best Local Similarity
Matches 7; Conserv
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CURRENT FILING DATE: 1999-02-08
NUMBER OF SEQ ID NOS: 39
SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/373,962
CURRENT FILING DATE: 1999-08-13
NUMBER OF SEQ ID NOS: 42
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 18
                                                                                           Sequence 18,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Patent No. 6239109
GENERAL INFORMATION:
                                                                              Patent No.
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TITLE OF INVENTION: Methods to Increase Blood Flow to Ischemic Tissue
FILE REFERENCE: 98364A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: /Rodgers,/Kathleen
APPLICANT: dizerega, Gere
TITLE OF MAVENTION: Method of Promoting Erythropoiesis
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TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION:
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TYPE: PRT
ORGANISM: Artificial Sequence
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                                                              INFORMATION
             f: dizerega,
invention:
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Similarity 100.0%;
7; Conservative 0
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                                                                                           Application US/09198806C
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                                        Rodgers, Kathleen
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Gere
Wethod for Promoting Mesenchymal Stem
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                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Rodgers, Kathleen
APPLICANT: dizerga, Gere
TITLE OF INVENTION: Method for Promoting Hematopoietic and Mesenchymal Cell
TITLE OF INVENTION: Proliferation and Differentiation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Rodgers, Rathleen
APPLICANT: (dizerega, Gere
TITLE OF INVENTION: Methods for Accelerating Bone and Connective Tissue
TITLE OF INVENTION: Growth and Repair
TILE REFERENCE: 9365B
CURRENT APPLICATION NOWHER: US/09/352,191
CURRENT FILING DATE: 1999-07-12
NUMBER OF SEQ ID NOS: 45
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
Matches 7; Conserv
                                   SOFTWARE: PatentIn
SEQ ID NO 18
LENGTH: 7
                                                                                                                                                                                                                                                              Sequence 18, Appli
Patent No. 6335195
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 18,
                                                                                       CURRENT APPLICATION NUMBER: US/09/012,400D CURRENT FILING DATE: 1998-01-23 NUMBER OF SEQ ID NOS: 38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: and Lineage-Specific Cell Proliferation FILE REFERENCE: 97,017-F1
CURRENT APPLICATION NUMBER: US/09/198,806C
CURRENT FILING DATE: 1998-11-24
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TYPE: PRT
ORGANISM: Artificial Sequence
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Pred. No. 3e+05;
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Best Local Similarity
7; Conserv
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; OTHER INFORMATION: Description of Artificial Sequence:AII analogue
US-09-307-940B-18
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; Sequence 18, Application US/09264563A
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                                                                                                                                                                                         TITLE OF INVENTION; Methods to Increase White Blood Cell
TITLE OF INVENTION; Chemotherapy
FILE REFERENCE: 97017P1
CURRENT APPLICATION NUMBER: US/09/307,940B
CURRENT FILING DATE: 1999-05-10
NUMBER OF SEQ ID NOS: 42
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 18
LENGTH: 7
TYPE. DET
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APPLICANT ROUGERS, Kathleen
APPLICANT dizerega, Gere
TITLE OF INVENTION Radiation Therapy Methods
                                                                                                                                                                                                                                                                                                                                                                    Sequence 18, Applicate Patent No. 6475988 GENERAL INFORMATION:
                                                            Matches
                                                                       Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                  APPLICANT: Rodgers, Kathle
APPLICANT: dizerega/ Gere
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                                                                                                                                                          TYPE: PRT
ORGANISM: Artificial Sequence
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                           1 RVYAHPF 7
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                                                          Conservative
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Pred. No. 3e+05;
Mismatches
                                                                     Score 41; DB 4; Length 7; Pred. No. 3e+05;
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Pred. No. 3e+05;
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Sequence 18, Application US/0926293A
Patent No. 6498138
GENERAL INFORMATION:
APPLICANT: Rodger's, Kathleen
APPLICANT: Rodger's, Kathleen
TITLE OF INVENTION: Method of Promoting Pro
TITLE OF INVENTION: Equivalents
FILE REFERENCE: 98094b
CURRENT APPLICATION NUMBER: US/09/266,293A
CURRENT FILING DATE: 199-03-11
NUMBER OF SEQ ID NOS: 42
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 18
LENGTH: 7
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US-09-716-394-18
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Best Local Similarity
"--rhes 7; Conserv:
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US-09-266-293A-18
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; OTHER INFORMATION: Description of Artificial Sequence:AII analogue US-09-657-890-18
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US-09-657-890-18
                                                                                                                                    Sequence 18, Application US/09716394
Patent No. 6566335
GENERAL INFORMATION:
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CURRENT FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 42
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 18
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APPLICANT: University of Southern California
APPLICANT: Rodgers, Kathleen
APPLICANT: (dizerega) Gere
TITLE OF INVENTION: Methods for Mobilizing Hematopoietic Progenitor Cells from Bone
TITLE OF INVENTION: into Peripheral Blood in a Patient in Need of Chemotherapy
FILE REFERENCE: 97.017-P8
CURRENT APPLICATION NUMBER: US/09/716,394
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APPLICANT: dizerega, Gere
TITLE OF INVENTION: Methods to Stimulate Angiogenesis
FILE REFERENCE: 98364A1
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ORGANISM: Artificial Sequence
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100.0%; Pred. No. 3e+05;
ative 0; Mismatches 0
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Pred. No. 3e+05;
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PRIOR APPLICATION NUMBER: US 60/084,908
PRIOR APPLICATION NUMBER: US 60/084,908
PRIOR ETLING DATE: 1998-05-11
PRIOR PELICATION NUMBER: US 60/092,633
PRIOR APPLICATION NUMBER: US 60/092,633
PRIOR APPLICATION NUMBER: US 09/307,940
PRIOR FILING DATE: 1998-05-10
PRIOR FILING DATE: 1999-05-10
NUMBER OF SEQ ID NOS: 42
SOFTWARE: Patentin version 3.0
SEQ ID NO 18
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; OTHER INFORMATION: Ala4 AIII
US-09-716-394-18
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Patent No. 6110895
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Best Local
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ORGANISM: artificial
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                                                    MOLECULE TYPE:
                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: FastSEQ Version 1.5 CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 60/0:
FILING DATE: 16-DEC-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
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APPLICANT: diZerega, Gere
                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM CON
OPERATING SYSTEM:
NAME/KEY: Other LOCATION: 4...4
                                                                                                                                                                                 TELEPHONE: 714-760-9502
                                                                                                                                                                                                                                                   NAME: Altman, Daniel E
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: USC012.001A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY:
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                                                                         TOPOLOGY:
                                                                                        STRANDEDNESS:
                                                                                                      TYPE: amino acid
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                                                                                                                         LENGTH:
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620 Newport Center Drive 16th Floor
                                                                                                                           7 amino acids
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Pred. No. 3e+05;
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RESULT 14
US-08-990-664-39
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US-08-990-664-18
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                                                                                                                                                                                                                                       US-08-990-664-18
Sequence 39, Application US/08990664
Patent No. 6110895
GENERAL INFORMATION:
                                                                                                                                                                          Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Best Local Similarity 85.7
Matches 6; Conservative
                                                                                                                                                                                                       Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
                                                                                                                                                                                                                                                                                                                                                TELEX:
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION:
PRIOR APPLICATION NUMBER:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                   MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Rodgers, Kathleen
APPLICANT: dizerega, Gere
TITLE OF INVENTION: METHOD OF PROMOTING HEALING
TITLE OF INVENTION: IN SKIN GRAFTS
                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION: TELEPHONE: 714-760-0404
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 16-DEC-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/990,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson & Bear
STREET: 620 Newport Center Drive 16th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Altman, Daniel E
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: US
                                                                                                                                                                                                                                                                     TOPOLOGY:
                                                                                                                                                                                                                                                                                   STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM CON OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: Newport Beach
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE
                                                                                                                                                                       Local Similarity 85.
                                                                                                                                                                                                                                                                                                                 ENGTH:
                                                                                                             1 RVYGHPF 7
                                                                                                                                            1 RVYAHPF 7
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6110895
                                                                                                                                                                                                                                                                                                  amino acid
                                                                                                                                                                                                                                                                                                                   7 amino acids
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                                                                                                                                                                                                                                                                    ss: single
linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       UMBER: 60/028,310
16-DEC-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            90.2%;
85.7%;
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                                                                                                                                                                        0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                             USC012.001A
                                                                                                                                                                                        Score 37; DB 3; Pred. No. 3e+05;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 37; DB 3;
Pred. No. 3e+05;
                                                                                                                                                                                                        DB 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DB 3; Length 7;
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                                                                                                                                                                                                       Length 7;
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APPLICANT:

Rodgers, Kathleer

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APPLICANT: dizerega, Gere
TITLE OF INVENTION: METHOD OF PROMOTING HEALING
TITLE OF INVENTION: IN SKIN GRAFTS

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APPLICANT: Rodgers, Kathleen
APPLICANT: diZerega, Gere
FIITLE OF INVENTION: GOVERNMENT GOMPOSITIONS
FILE REFERENCE: USC013.001A
CURRENT APPLICATION NUMBER: US/09/210,249A
CURRENT FILING DATE: 1998-12-11
EARLIER APPLICATION UMBER: 60/069,662
EARLIER APPLICATION UMBER: 60/069,662
EARLIER FILING DATE: 1997-12-12
NUMBER OF SEQ ID NOS: 15
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 10
LENGTH: 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 15
US-09-210-249-10
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; TOPCLOGY: linear
; MOLECULE TYPE: peptide
US-08-990-664-39
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 90.2%; Score 37; DB 3; Length 7; Best Local Similarity 85,7%; Pred. No. 3e+05; Matches 6; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                        Sequence 10, Application US/09210249A Patent No. 6165978
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 7 amino acids
                                       FEATURE:
OTHER INFORMATION: Synthetic peptide
FEATURE:
                                                                                                  TYPE: PRT
ORGANISM: Artificial Sequence
AME/KEY: VARIANT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: USC012.001A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
TELEPHAN: 714-760-9502
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/028,310
FILING DATE: 16-DEC-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: FASTSEQ Version 1.5 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/990.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM: MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM CONTROL OPERATING SYSTEM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE:
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1: 620 Newport Center Drive 16th Floor
Newport Beach
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; OTHER INFORMATION: Xaa(4) is norLeu US-09-210-249-10
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Query Match 90.2%; Score 37; DB 3; Length 7; Best Local Similarity 85.7%; Pred. No. 3e+05; Matches 6; Conservative 0; Mismatches 1; Indels
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Gaps

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1 RVYAHPF 7 ||| ||| 1 RVYXHPF 7

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Search completed: September 27, 2004, 11:39:45 Job time : 33 secs

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September 27, 2004, 11:37:05; Search time 128 Seconds (without alignments) 17.585 Million cell updates/sec
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/ (gno_6) prodata/2/pubpaa/USO7_PUBCOMB.pep:*
/ (gno_6) prodata/2/pubpaa/USO6_NEW_PUB.pep:*
/ (gno_6) prodata/2/pubpaa/USO6_NEW_PUB.pep:*
/ (gno_6) prodata/2/pubpaa/USO6_PUBCOMB.pep:*
/ (gno_6) prodata/2/pubpaa/DEO/BYDEO/BY.pep:*
/ (gno_6) prodata/2/pubpaa/USO8_NEW_PUB.pep:*
/ (gno_6) prodata/2/pubpaa/USO8_NEW_PUB.pep:*
/ (gno_6) prodata/2/pubpaa/USO8_PUBCOMB.pep:*
/ (gno_6) prodata/2/pubpaa/USO8_PUBCOMB.pep:*
/ (gno_6) prodata/2/pubpaa/USO9_PUBCOMB.pep:*
/ (gno_6) prodata/2/pubpaa/USO0_PUBCOMB.pep:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1349238 seqs, 321558718 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Applications_AA:*
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                        OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Minimum DB seq length: 0 Maximum DB seq length: 2000000000
                                                                                                                                                                                                                                                                                                                                           US-09-772-819-18
                                                                                                                                                                                                                                                                                                                                                                                                                1 RVYAHPF 7
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                                                                                                                                                                                                                                                                                                                                                                                      Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Database :
                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Searched:
                                                                                                                                                                                                                    Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

		Description	18,	Sequence 18, Appl	_	Sequence 18, Appl	Sequence 13, Appl	Sequence 17, Appl	Sequence 13, Appl	Sequence 17, Appl	Sequence 13, Appl	Sequence 17, Appl	Sequence 13, Appl				
COMMAKIES		ан	US-09-771-192-18	US-09-837-697A-18	US-09-900-936-18	US-09-772-819-18	US-10-174-443-18	US-10-341-001-18	US-10-360-274-18	US-10-133-517A-18	US-09-771-192-13	US-09-771-192-17	US-09-837-697A-13	US-09-837-697A-17	US-09-900-936-13	US-09-900-936-17	US-09-772-819-13
		DB	o	σ	σ	10	12	14	15	16	σ	σ	σ	თ	σ'n	σı	10
		Query Match Length DB	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	œ	Query	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	90.2	90.2	90.2	90.2	90.2	90.2	90.5
		Score	41	41	41	4	41	41	41	41	37	37	37	37	37	37	37
		Result No.		N	m	4	'n	9	7	60	Î	10	11	12	13	14	15

	е 13,	e 17,	e 40,	9 10,	e 13,	17,	13,	17,	13,	17,	19,	20,	34,	e 19,	20,	34,	3 19,	20,	34,	13	8	34	6	equence 20	34	equence 6,	equence 19	equence 20		
7 10 US-09-772-819-17	12 US-10-17	12 US-10-1	12 US-10-174-4	12 US-10-213-70	14 US-10-341-	14 US-10-341-00	15 US-10-360-27	15 US	16 US-10-133-5	16 US-10-133-5	9 US-09-771-192-1	9 US-09-771-192-2	9 US-09-771-	9 US-09-837-697A	9 US-09-837-697A-	9 US-09-837-697A-	-9E6-006-60-8D 6	9 US-09-900-936-2	σı	0 US-09-772-819-1	10 US-09-772-8	10 US-09-772-81	12 US-10-174-443-1	12 US-10-174-4	12 US-10-174-443-	12 US-10-213-7	14 US-10-341-0	14 US-10-341-0	14 US-10-341-0	
16 37 90.2	7 37 90	18 37 90.2	37 90	37 90	37 90.	37 90.	37 90.	37 90.	37	37 90.	90.	8 37 90.	90.	37 90.	90.	90.	90.	90.	37 90.	6	37 90.	37 90.	37 90.	37 90.	37 90.	37 90.	37 90.	37 90.	90.	

ALIGNMENTS

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RESULT 1

US-09-771-192-18

US-09-771-192-18

Sequence 18, Application US/09771192

Parent No. US2002049162A1

GENERAL INFORMATION'

APPLICANT Rodgers, Kathleen

APPLICANT Rodgers, Kathleen

TITLE OF INVENTION' Methods for Inhibiting Smooth Muscle Cell Proliferation

FILE REFERENCE: 99-1043-A

CURRENT PLING DATE: 2001-01-26

NUMBER OF SEQ ID NOS: 51

SEQ ID NO 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
                                                                                                                                                                                                                                                                                                                                                          ; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:All analogue
US-09-771-192-18
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                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 7;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Indels
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100.0%; Pred. No. 1.2e+06;
tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 18, Application US/09837697A
Patent No. US20020146823A1
GENERAL INFORMATION:
APPLICANT: University of Southern California
APPLICANT: (Rogers, Kathleen E.
APPLICANT: (AiZerega, Gere
                                                                                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 100.
Best Local Similarity 100.
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 RVYAHPF 7
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US-09-837-697A-18
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US-10-174-443-18

Sequence 18, Application US/10174443

Publication No. US20040033956A1

SENDERAL INFORMATION:

APPLICANT GAGGES, Kathleen

APPLICANT GAGGES, Kathleen

APPLICANT GAGGES, Kathleen

TITLE OF INVENTION:

FILE REFERENCE:

CURRENT APPLICATION NUMBER: US/10/174,443

CURRENT FILING DATE: 2002-06-18

NUMBER OF SEQ ID NOS: 42

SOFTWARE: PATENTIN VET. 2.0

SEC ID NO 18
                                                                                                                                                                                          Gaps
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         ; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:All analogue
US-09-772-819-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; OTHER INFORMATION: Description of Artificial Sequence:AII analogue US-10-174-443-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   , OTHER INFORMATION: Description of Artificial Sequence:AII analogue US-10-341-001-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 7;
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                                                                                                                                Length
                                                                                                                             100.0%; Score 41; DB 10;
100.0%; Pred. No. 1.2e+06;
iive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               100.0%; Score 41; DB 12; 100.0%; Pred. No. 1.2e+06;
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100.0%; Score 41, DB 14,
Best Local Similarity 100.0%; Pred. No. 1.2e+06,
Matches 7; Conservative 0; Mismatches 0,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 18, Application US/10341001
Publication No. US20030130196A1
GENERAL INFORMATION:
APPLICANT digers, Gere
TITLE OF INVENTION:
CURRENT APPLICATION NUMBER: US/10/341,001
CURRENT FILING DATE: 2003-01-13
NUMBER OF SEQ ID NOS: 38
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
                                                                                                                             Query Match 100.
Best Local Similarity 100.
Matches 7; Conservative
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Best Local Similarity 100.
Matches 7; Conservative
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TITLE OF INVENTION: Method for Promoting Hematopoietic and Mesenchymal Cell Prolifera TITLE OF INVENTION: Differentiation FILE REFERENCE: 97,017-F1A CURRENT APPLICATION VIMBER: US/09/837,697A CURRENT FILING DATE: 202-02-14 NUMBER OF SEQ ID NOS: 37 SOFTWARE: Patentin version 3.1 SEQ ID NO 18 LENGTH: 7
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US-09-772-819-18
US-09-772-819-18
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US-09-772-819-18
US-09-772-819-18
US-09-772-819-18
US-09-772-819-18
US-01-772-819-18
US-01-772-819-18
US-01-772-819
US-01-77
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GENERAL INFORMATION:
APPLICANT, Rodgera, Kathleen
APPLICANT, Glazeraga, Gere
TITLE OF LINVENTION:
Methods for Promoting Dendritic Cell Proliferation
TITLE OF INVENTION: or Differentiation
TITLE OF NAURATION: or Differentiation
TITLE OF NAURANTION: or Differentiation
CURRENT APPLICATION WIMBER: US/09/900,936
CURRENT FILING DATE: 2001-07-09
NUMBER OF SEQ ID NOS: 50
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 18
LENGTH: 7
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; OTHER INFORMATION: Description of Artificial Sequence:AII analogue
US-09-900-936-18
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ORGANISM: Artificial sequence
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ORGANISM: Artificial Sequence
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Best Local Similarity 100...
7; Conservative
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Best Local Similarity 100.
Matches 7, Conservative
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US-09-900-936-18
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Patent No. US20020049162A1
GENERAL INFORMATION.
APPLICANT: (RÖGGETS, Yathleen
APPLICANT: (AlZerega, Gere
TITLE OF INVENTION: Wethods for Inhibiting Smooth Muscle Cell Proliferation
FILE REFERENCE:—99-1043.4
CURRENT APPLICATION NUMBER: US/09/771,192
CURRENT FILING DATE: 2001-01-26
US-10-360-274-18
Sequence 18, Application US/10360274
Publication No_US20040006003A1
Sequence 18, Application US/10360274
Publication No_US20040006003A1
SERBRAL INFORMATION:
APPLICANT (Acdgers, Kathleen
APPLICANT (Acdgers, Promoting Hematopoietic and Mesenchymal Cell
TITLE OF INVENTION: Method for Promoting Hematopoietic and Mesenchymal Cell
TITLE OF INVENTION: Method for Promoting Hematopoietic and Mesenchymal Cell
TITLE OF INVENTION: Method for Promoting Hematopoietic and Mesenchymal Cell
TITLE OF SECTION NUMBER: US/10/360,274
CURRENT APPLICATION NUMBER: US/10/360,274
NUMBER OF SEC ID NOS: 37
SECTION OF SEC
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Sequence 18, Application US/10133517A

Publication No. US20040176302A1

Sequence 18, Naplication US/10133517A

Publication No. US20040176302A1

SERNERAL INFORMATION:
APPLICANT: (AiZerega) Gere

TITLE OF INVERTION: Methods for Inhibiting Tumor Cell Proliferation
FILE REPERENCE: 01-043-US

CURRENT APPLICATION NUMBER: US/10/133,517A

CURRENT PILING DATE: 2002-04-26

NUMBER OF SEQ ID NOS: 51

SEQ ID NO 18

LENGTH. 7
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.0
These 7; Conservative
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Best Local Similarity 100.
Matches 7: Conservative
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US-09-771-192-13
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US-09-837-6974-13
US-09-837-6974-13
Sequence 13, Application US/09837697A
Sequence 13, Application US/09837697A
Sequence 13, Application US/000146823AI
Sequence 13, Application:
APPLICAMY: University of Southern California
APPLICAMY: University of Southern E.
APPLICAMY: University of Southern E.
APPLICAMY: University of Southern E.
APPLICAMY: Method for Promoting Hematopoietic and Mesenchymal Cell Prolifer
TITLE OF INVENTION: Differentiation
FILE REPRENCE: 97,017-71A
CURRENT APPLICATION NUMBER: US/09/837,697A
CURRENT PILING DATE: 2002-02-14
NUMBER OF SEQ ID NOS: 37
SOFTWARE: Patentin version 3.1
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US-09-771-192-17

US-09-771-192-17

Sequence 17, Application US/09771192

Patent No. US20020049162A1

GENERAL INFORMATION

APPLICANT: Rodgers, Kathleen

APPLICANT: AdZerega, Gere

TITLE OF INVENTION Methods for Inhibiting Smooth Muscle Cell Proliferation

FILE REFERENCE: 99-1043-A

CURRENT FILING DATE: 201-01-26

NUMBER OF SEQ ID NOS: 41

SOFTWARE: PatentIn Ver. 2.0

LENGTH: 7

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OTHER INFORMATION: Description of Artificial Sequence.All analogue
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial sequence
                                                                                                                         ORGANISM: Artificial Sequence
NUMBER OF SEQ ID NOS: 51
SOFTWARE: Patentin Ver. 2.0
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Best Local Similarity 65.73
Matches 6; Conservative
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Matches 6; Conservative
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LOCATION: (4)
COTHER INFORMATION: NIe
US-09-771-192-13
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                                                                                                                                                                                    Sequence 17, Application US/09900936

Patent No. US20020165141A1

GENERAL INFORMATION:
APPLICANT: Rodgers, Kathleen
APPLICANT: Rodgers, Gare
TITLE OF INVENTION: Methods for Promoting Dendritic Cell Proliferation
TITLE OF INVENTION: On Differentiation
TITLE OF INVENTION: On Differentiation
FILE REPERENCE: 00-506-A
CURRENT APPLICATION NUMBER: US/09/900,936
CURRENT PLING DATE: 2001-07-09
NUMBER OF SEQ ID NOS: 50
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 17
IVPE: PT
TYPE: PT
ONGANISM: Artificial Sequence
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Publication No. US20030199434A1
GENERAL INFORMATION OF US20030199434A1
GENERAL INFORMATION: Carbien
APPLICANT: Rodgers, Kathleen
APPLICANT: dizerega, Gere
TITLE OF INVENTION: Growth and Repair
TITLE OF INVENTION: Growth and Repair
TITLE OF INVENTION: 2001-01-30
CURRENT FILING DATE: 2001-01-30
NUMBER OF SEQ ID NOS: 45
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 13
MUMBER OF SEQ ID NOS: 45
SEQ ID NO 13
             Gaps
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; OTHER INFORMATION: Description of Artificial Sequence:All analogue
US-09-900-936-17
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OTHER INFORMATION: Description of Artificial Sequence:AII analogue
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             Indels
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             ۲;
           0; Mismatches
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Best Local Similarity 85.7%;
Matches 6; Conservative
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ORGANISM: Artificial Sequence
         6; Conservative
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Best Local Similarity 85.7
Matches 6; Conservative
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1 RVYXHPF 7
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NAME/KEY: MOD_RES
LOCATION: (4)
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US-09-772-819-13
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                                                                                                                                                                                                                                                                                                                                       Sequence 17, Application US/09837697A

Patent No. US20020146823A1

GENERAL INFORMATION:
APPLICANT: University of Southern California
APPLICANT: Wogers, Kathleen E.
APPLICANT: Application
TITLE OF INVENTION: Method for Promoting Hematopoietic and Mesenchymal Cell Prolifera
TITLE OF INVENTION: Differentiation
FILE REPERBNCE: 97,017-FIA
CURRENT APPLICATION NUMBER: US/09/837,697A
CURRENT FILING DATE: 2002-02-14
NUMBER OF SEQ ID NOS: 37
SOFTWARE: Patentin version 3.1
SEQ ID NO 17
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Sequence 13, Application US/09900936

Serven No. US20020165141A1

APPLICANT: ROGGES, Kathleen
APPLICANT: ROGGES, Kathleen
TITLE OF INVENTION: Methods for Promoting Dendritic Cell Proliferation
TITLE OF INVENTION: or Differentiation
TITLE OF INVENTION: Or Differentiation
CURRENT APPLICATION NUMBER: US/09/900,936
CURRENT APPLICATION NUMBER: 2001-07-09
SOFTWARE OF SEQ ID NOS: 50
SOFTWARE PATENTIN Ver. 2.0
SEQ ID NO 13
LENGTH: 7
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                                                                                                          Score 37; DB 9; Length 7; Pred. No. 1.2e+06; 0; Mismatches 1; Indels
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90.2%; Score 37; DB 9; I
Best Local Similarity 85.7%; Pred. No. 1.2e+06;
Matches 6; Conservative 0; Mismatches 1;
                                                                                                       Query Match 90.2%; Score 37; DB Best Local Similarity 85.7%; Pred. No. 1.2e Matches 6; Conservative 0; Mismatches
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US-09-837-697A-17
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ORGANISM: Artificial sequence
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ORGANISM: Artificial Sequence
NAME/KEY: MISC_FEATURE
LOCATION: (4)._(4)
COTHER INFORMATION: Nle
US-09-837-697A-13
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US-09-900-936-13
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Best Local Similarity
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US-09-837-697A-17
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US-09-900-936-13
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Search completed: September 27, 2004, 11:50:39 Job time : 129 secs

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